



9th Annual Cape May County Transportation Infrastructure Conference March 14, 2013

SJTA...Investing in the Future



Samuel L. Donelson, P.E.



South Jersey Transportation Authority

SJTA Is

A Leader in Transportation , Safely Moving People & Commerce to
Stimulate the Economy Now & Into the Future

*SJTA has allocated one of its largest capital plans to
further develop the....*

- Atlantic City Expressway
- Atlantic City International Airport
- Regional Transportation
- Economic Development in the Six Southernmost Counties





Hurricane Sandy

SJTA incurred a \$1.9 M Loss in Revenue and Expenses



**Eastbound Expressway partially covered in water
Monday, October 29, 2012 @ 11:40p.m.**

**Expressway Sunoco Station, 3 miles west of
Atlantic City, Monday, October 29, 2012 @ 11:55p.m.**





Hurricane Sandy



Eastbound Expressway debris
Tuesday, October 30, 2012 @ 8:39 a.m.

Eastbound Expressway debris removal
Tuesday, October 30, 2012 @ 11:35 a.m.





Hurricane Sandy



**Erosion along eastbound Expressway
Tuesday, October 30, 2012 @ 12:59p.m.**

**Washout repairs made to Expressway
Wednesday, October 31, 2012 @ 10:48 a.m.**





Hurricane Sandy

Thursday, November 1, 2012



Wednesday, October 31, 2012





SJTA's Proposed Resiliency Projects

- Raise the last 4.5 miles of the Atlantic City Expressway
 - *Estimated Cost \$250 M*
- Raise a portion of the Atlantic City Expressway Connector Roadway
 - *Estimate Cost \$15 M*





SJTA Proposed Resiliency Projects

- Pleasantville Toll Plaza Sanitary Sewer System Improvements
 - Estimated Cost \$6 M*
- Improvements to the primary electric service to the NJ State Police Station located at the Farley Service Plaza
 - Estimated Cost \$3.5 M*
- Enhanced Detection System on the eastern end of the Atlantic City Expressway
 - Estimated Cost \$18 M*
- Scour Protection for the Atlantic City Expressway Connector Bulkhead
 - Estimated Cost \$12 M*

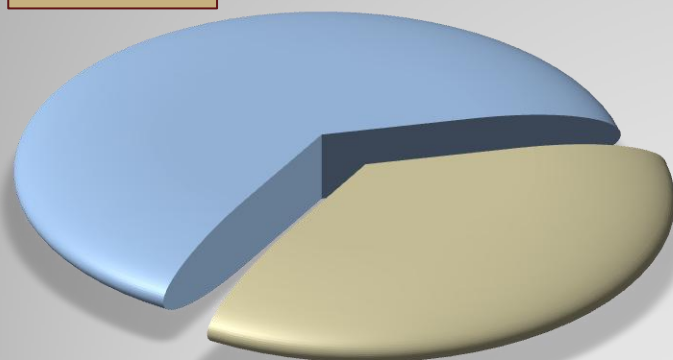


SJTA's Capital Budget

2013 Capital Budget

\$43,552,973

\$27,559,207
63%



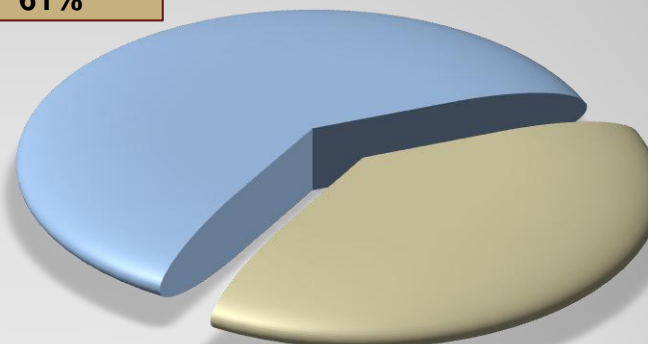
\$15,993,766
37%

■ Expressway
■ Airport

2013-2022 Capital Program

\$731,729,142

\$445,252,680
61%



\$286,476,462
39%



SJTA ...Doing Business Better, Smarter

Operating a government agency like a private business

- *Over a 20% decrease in full-time employees from Jan. 2009 (362) to February 2013 (288)*
- *Salary Freezes – Non-union employees have not received a cost of living increase since 2007*
- *Greater employee health care contributions*
- *Privatization – Toll Collection Services, Airport Parking and Custodial Work*
- *MVC Registration Suspension Program*





All Electronic Tolling (AET)




- *Transponder Based or Video Tolling*
- *Highway Speed*
- *No Toll Booths - no cash option*
- *Operating Efficiency*
- *Increased Throughput*
- *Carbon reduction*





Expressway Westbound Widening Multi-Phase Project



-  *Contract No. 1 – MP 7.7–MP 18.5 (10.8 miles)–Complete*
-  *Contract No. 2 – Widening of MP 18.5–MP 24.5 (6.0 miles)–Complete*
-  *Contract No. 3 – Widening of MP 24.5–MP 31.8 (7.3 miles)–Construction Underway*



Little Mill Stream Bridge
Widening. Looking West
the vicinity of MP 23.7



Bio-Infiltration Basin
Construction on Stage 1
side near MP 22.6



Looking West from MP 23.8
at Aggregate Base Course
Placement for Widened
Roadway

Total Project Cost in Excess of \$50 Million



ACE 2013 Roadway/Bridge Improvements

- *Atlantic City Expressway Bridge Deck Resurfacing – Bridge No. 13 (Cologne Avenue) and Bridge No. 22 (Fire Road)*
- *Atlantic City Expressway Bridge Deck Improvements – Bridge No. 39 (New Brooklyn Road) and Bridge No. 40 (Williamstown-Winslow Road)*
- *2013 Resurfacing Program*



Total cost for roadway/bridge improvements: \$4,150,000



Traffic Operations Center

Modifications to Traffic Operations Building

- *Enhanced Dispatch Enhanced Traffic Ops. Equipment*
 - Large Video Wall
 - Citywide Traffic Signal Control
 - Traffic Monitoring
 - Traffic Data Collection
 - Events Management

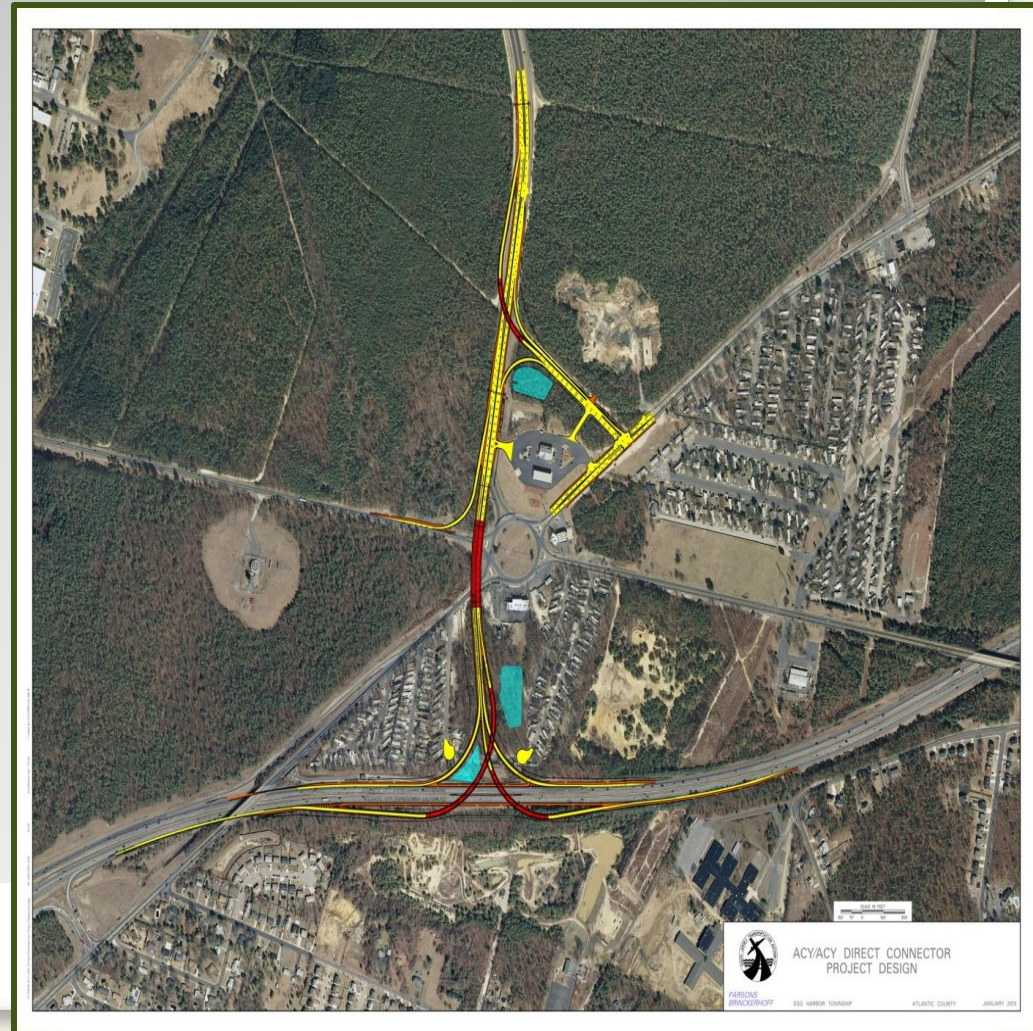


Project Cost \$3 Million



Atlantic City Expressway/AC Airport Direct Connector

-  1999 - FAA grants conditional approval of the Airport Layout Plan (ALP) including a direct connection between ACY and ACE
-  2003 - FAA approves need for Direct Connector Project
-  2010 - Alternative Alignment developed to address regulatory agency concerns
-  2012 - Final Design initiated
-  2013 - Anticipated May Board Award for construction - Phase 1





ACE/AC Airport Direct Connector – Purpose & Need



Phase I

- *Alleviate traffic congestion at Delilah/Tilton Traffic Circle*



Phase II

- *Provide direct connection between ACE & ACY to reduce traffic volume on local roads*

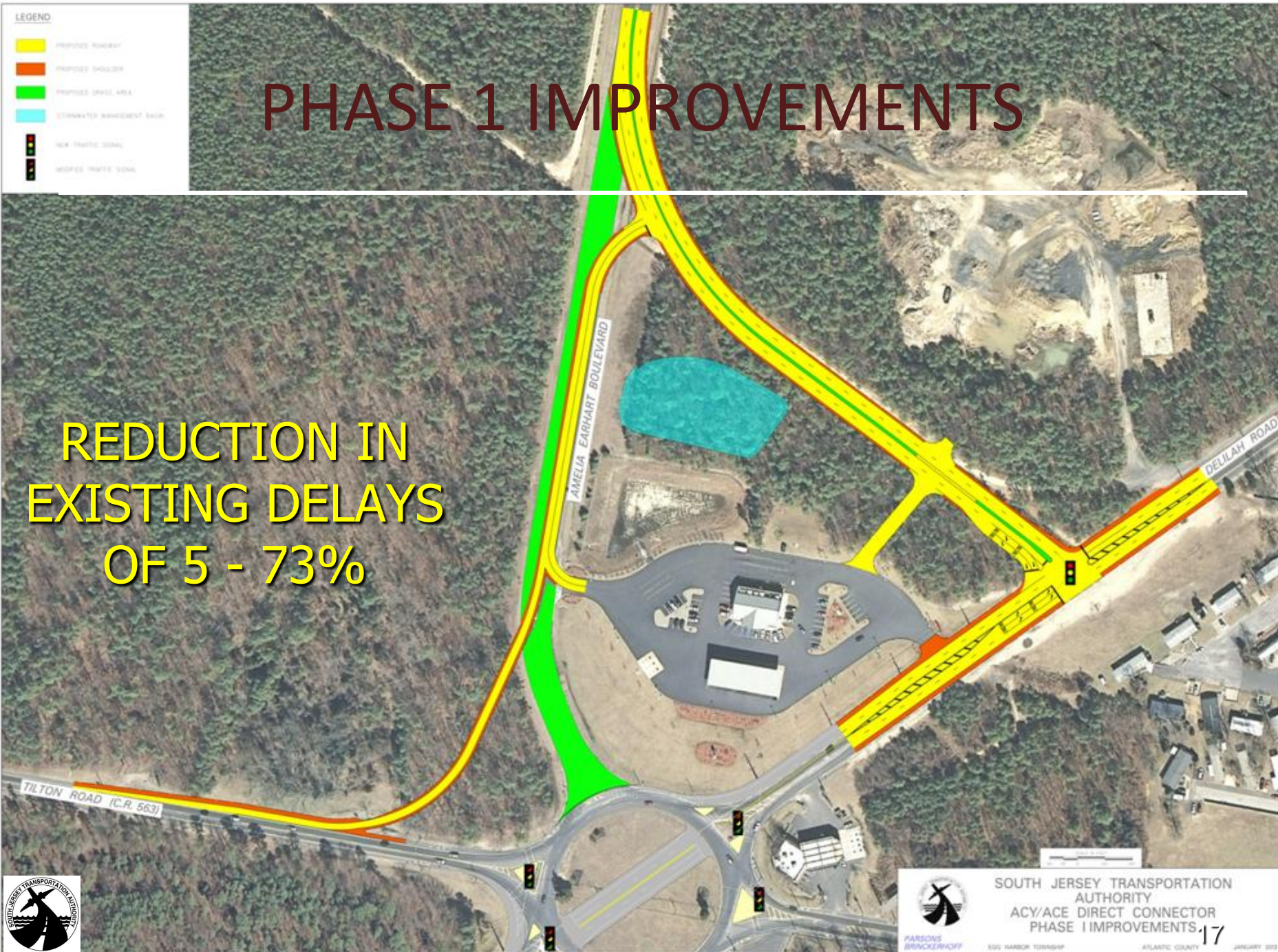


PHASE 1 IMPROVEMENTS

LEGEND

- PROPOSED ROADWAY
- PROPOSED SHOULDER
- PROPOSED GRASS AREA
- STORMWATER MANAGEMENT BASIN
- NEW TRAFFIC SIGNAL
- MODIFIED TRAFFIC SIGNAL

REDUCTION IN
EXISTING DELAYS
OF 5 - 73%



SOUTH JERSEY TRANSPORTATION
AUTHORITY
ACY/ACE DIRECT CONNECTOR
PHASE I IMPROVEMENTS

EGG HARBOR TOWNSHIP ATLANTIC COUNTY JANUARY 2013



ACE/AC Airport Direct Connector – Reduction in Delay

ACE-ACY Direct Connector - PHASE I

Traffic Capacity Analysis Results

2015 No Build & 2015 Build Intersection Delay Comparison

Intersection	2015 No Build	2015 Build Phase I	% Change
	Intersection Delay	Intersection Delay	
AM Peak Hour			
1. Delilah Road (West of Circle)	118.5	48.4	-59.2%
2. Delilah Road (East of Circle)	125.7	33.4	-73.4%
3. Delilah Rd & Access Road	-	26.1	-

Total project cost \$50 Million (Phase 1: \$10 Million)



Atlantic City International Airport

Fly ACY!!





Atlantic City International Airport



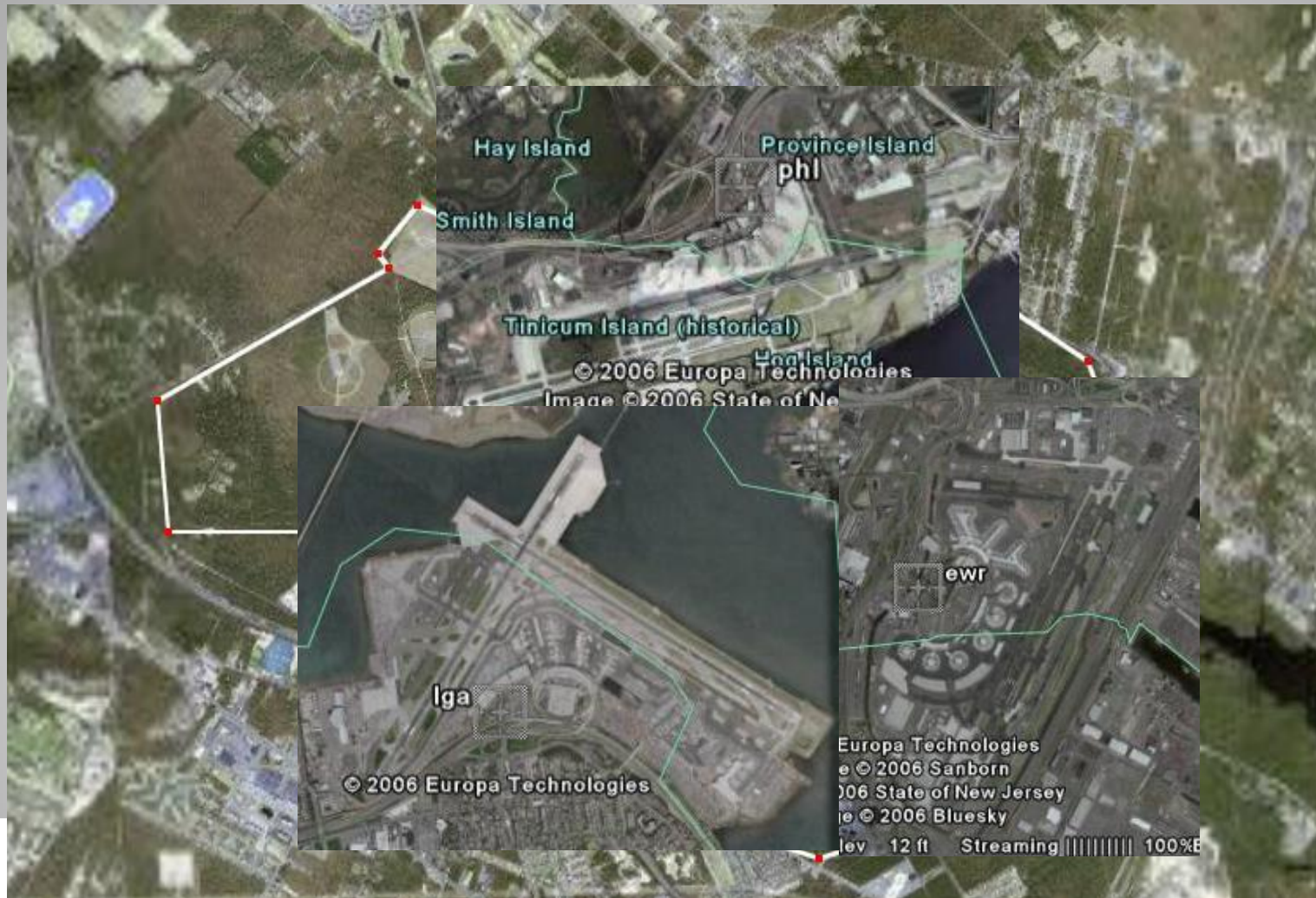
US Coast Guard Facility was built in 1998

- *ACY was acquired on September 24, 1992 from the City of Atlantic City*
- *ACY Sits On An Excess of 5,000 Acres*
- *ACY Tenants*
 - *FAA Technical Center*
 - *ANG 177th Fighter Wing*
 - *US Coast Guard*
 - *Transportation Security Administration*
 - *Federal Air Marshals*
 - *Transportation Security Lab*
 - *Aviation Research & Technology Park*





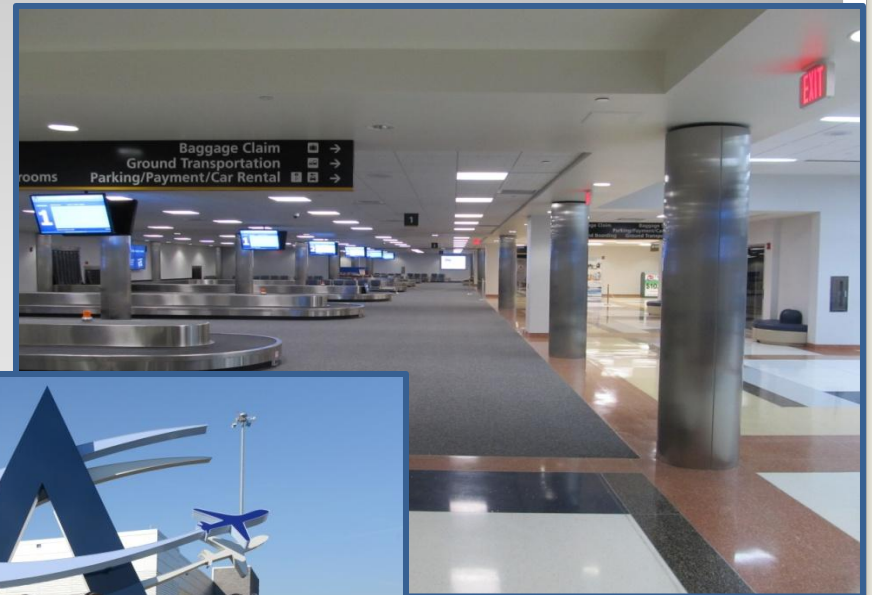
ACY ... More than a Regional Airport





The Terminal Expansion / Federal Inspection Station

Grand Opening November 26, 2012



Preferred Development Alternative



Airfield

Terminal

Landside

**Support
Facilities**

**Maintenanc
e**

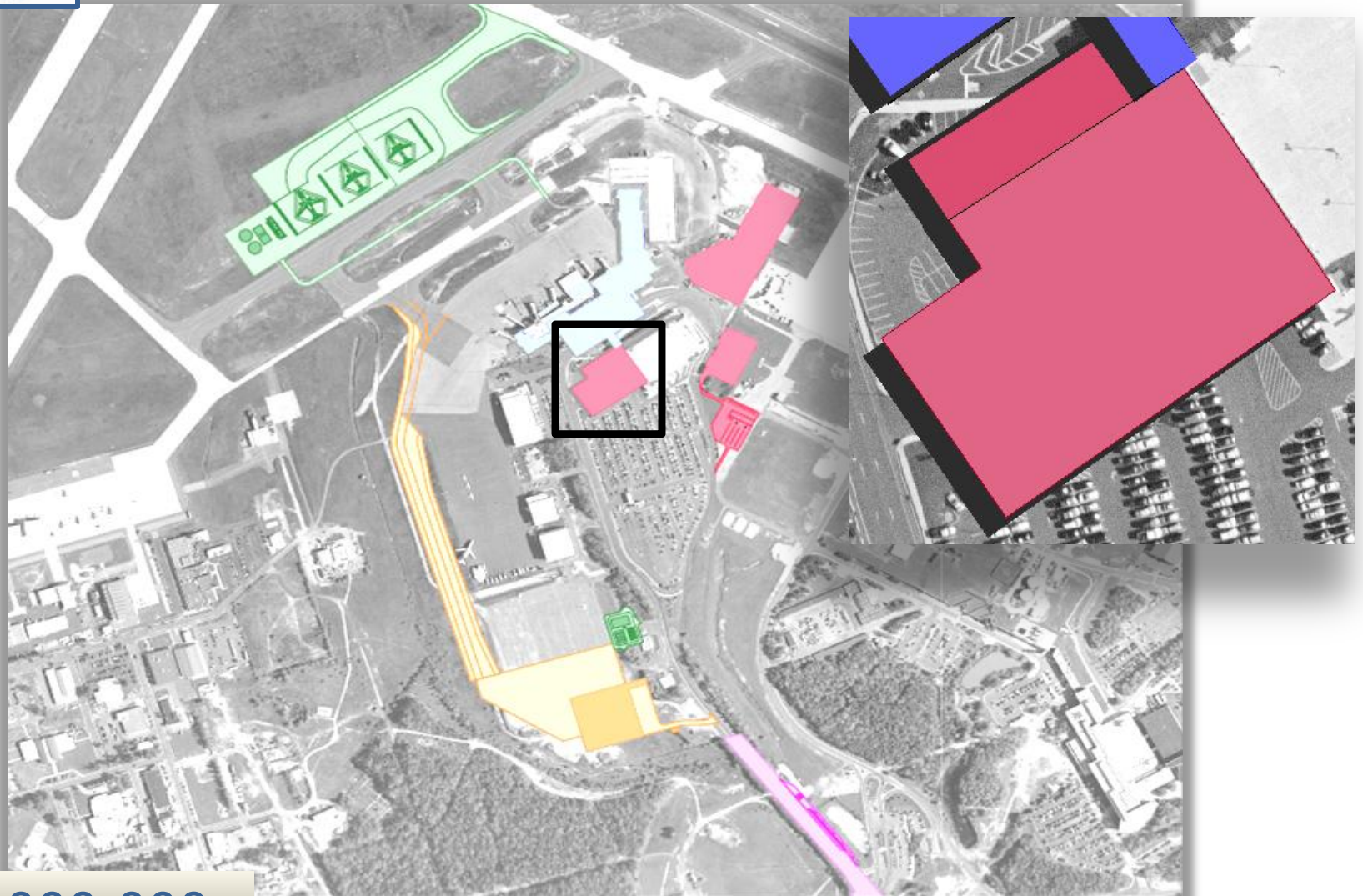
Cargo

Access

Central Terminal Area: Terminal



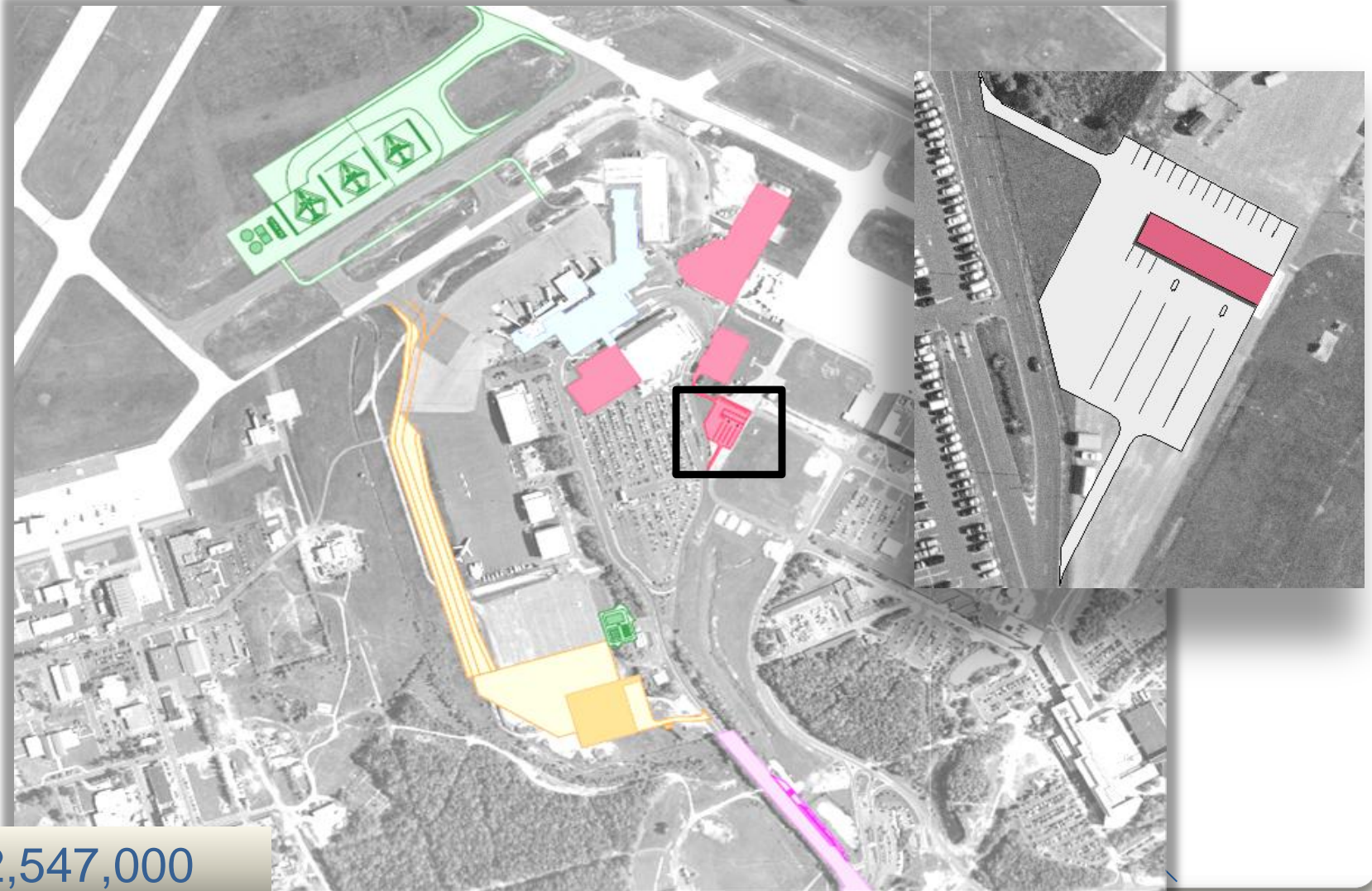
Central Terminal Area: Parking



\$25,000,000



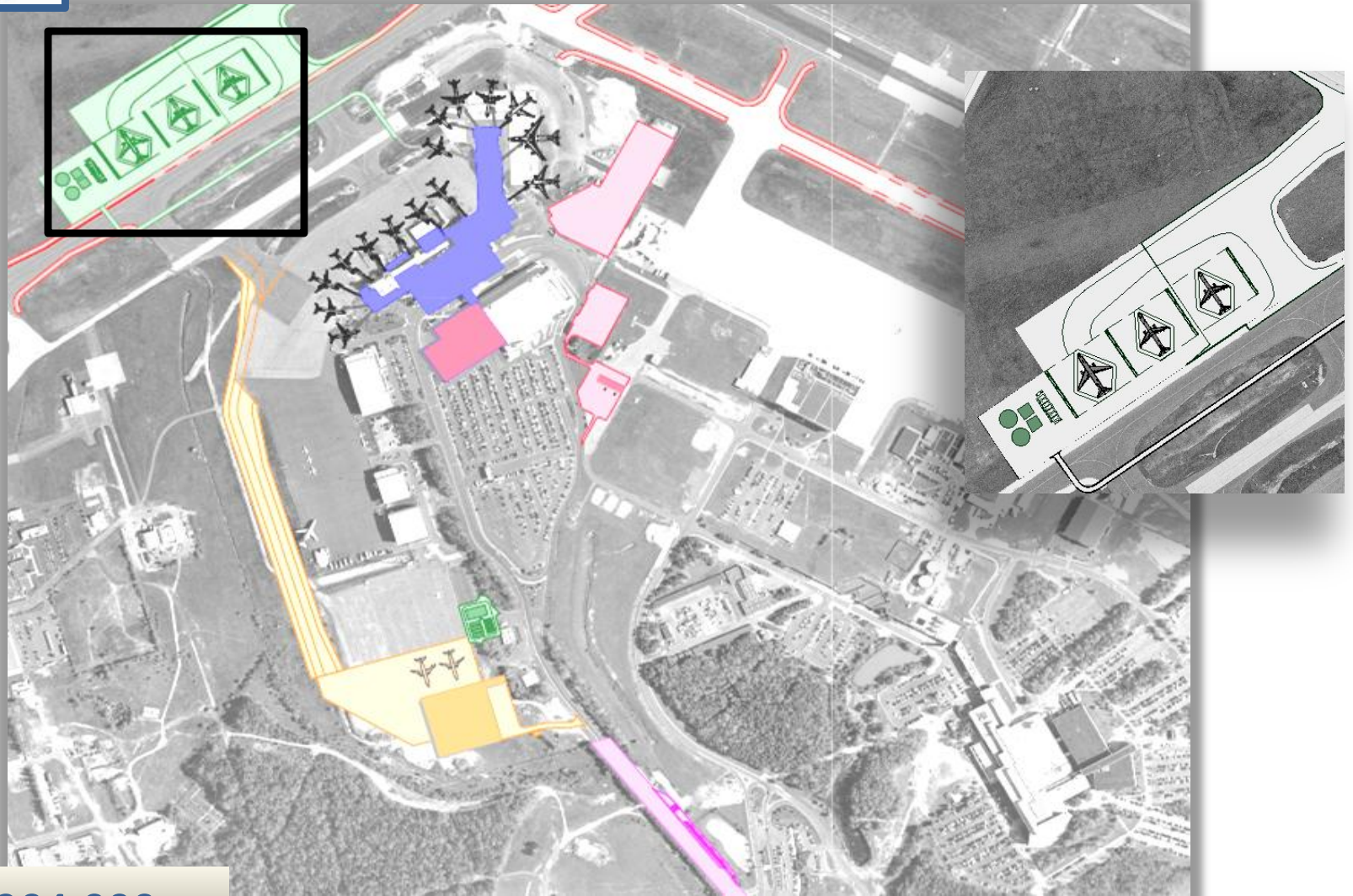
Central Terminal Area: Rental Car QTA



\$2,547,000



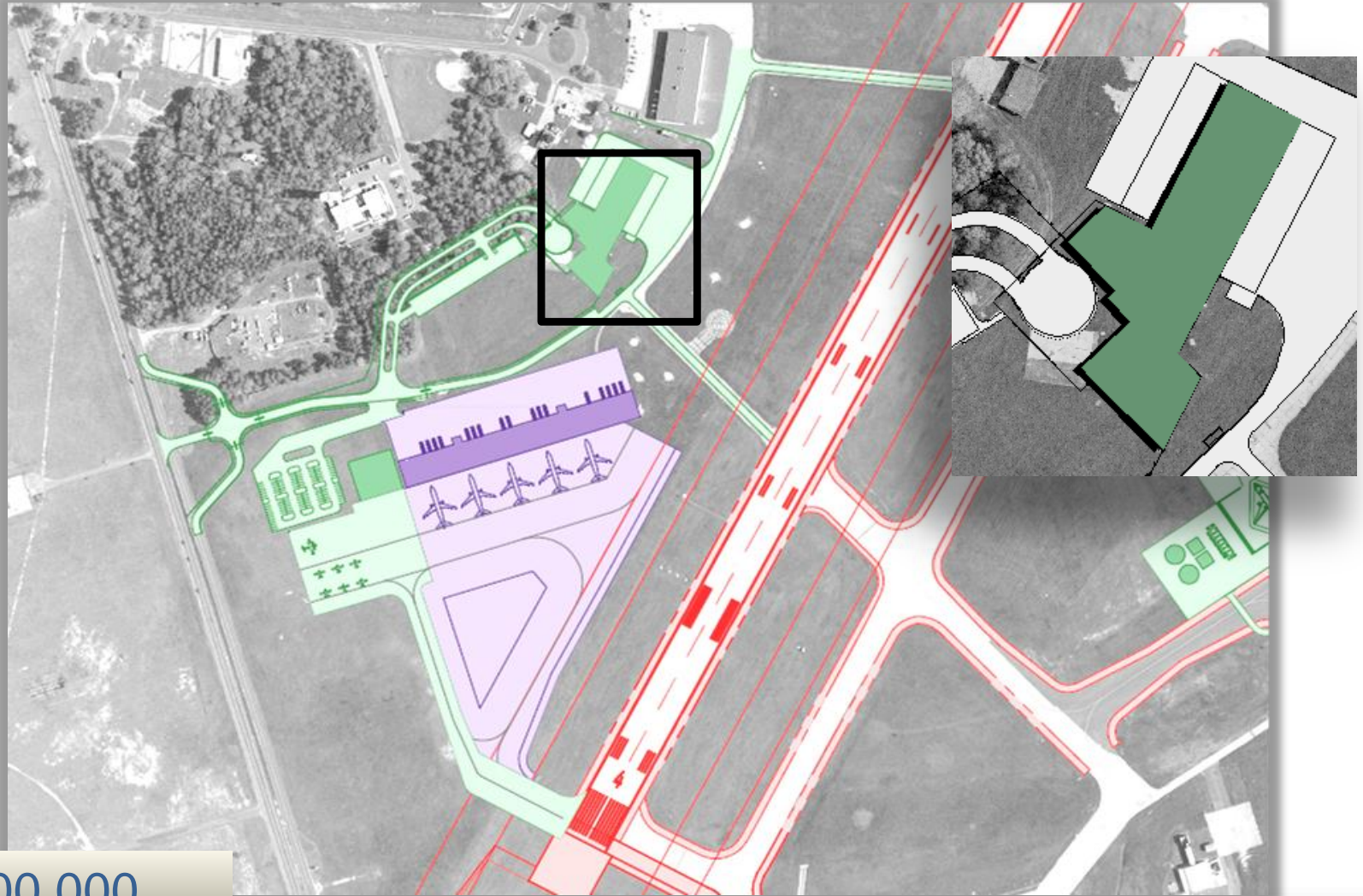
Central Terminal Area: Deicing Facility



\$25,204,000



Auxiliary Development: ARFF Facility



\$15,000,000

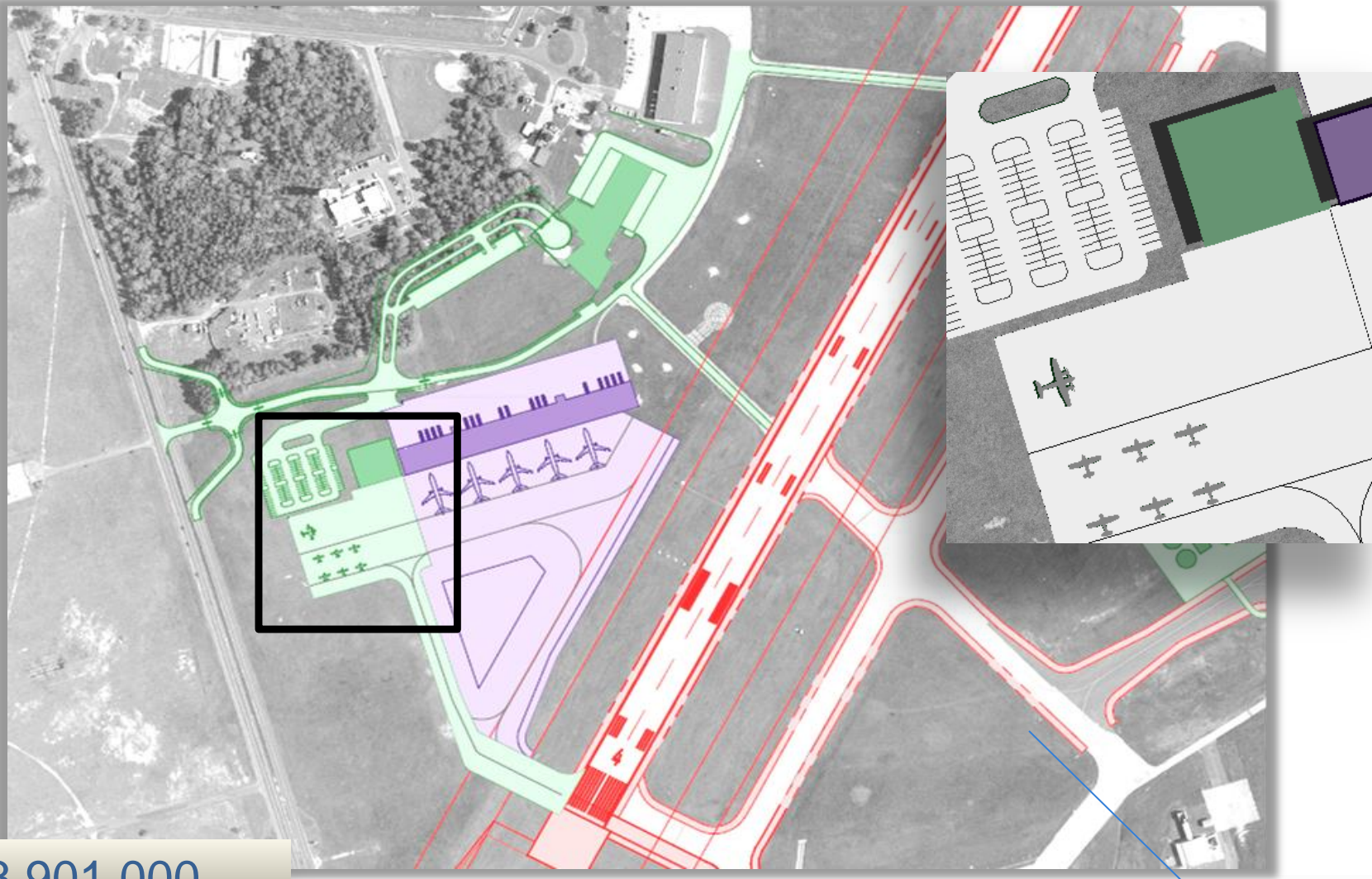


Airport Rescue Fire Fighter Station (ARFF)





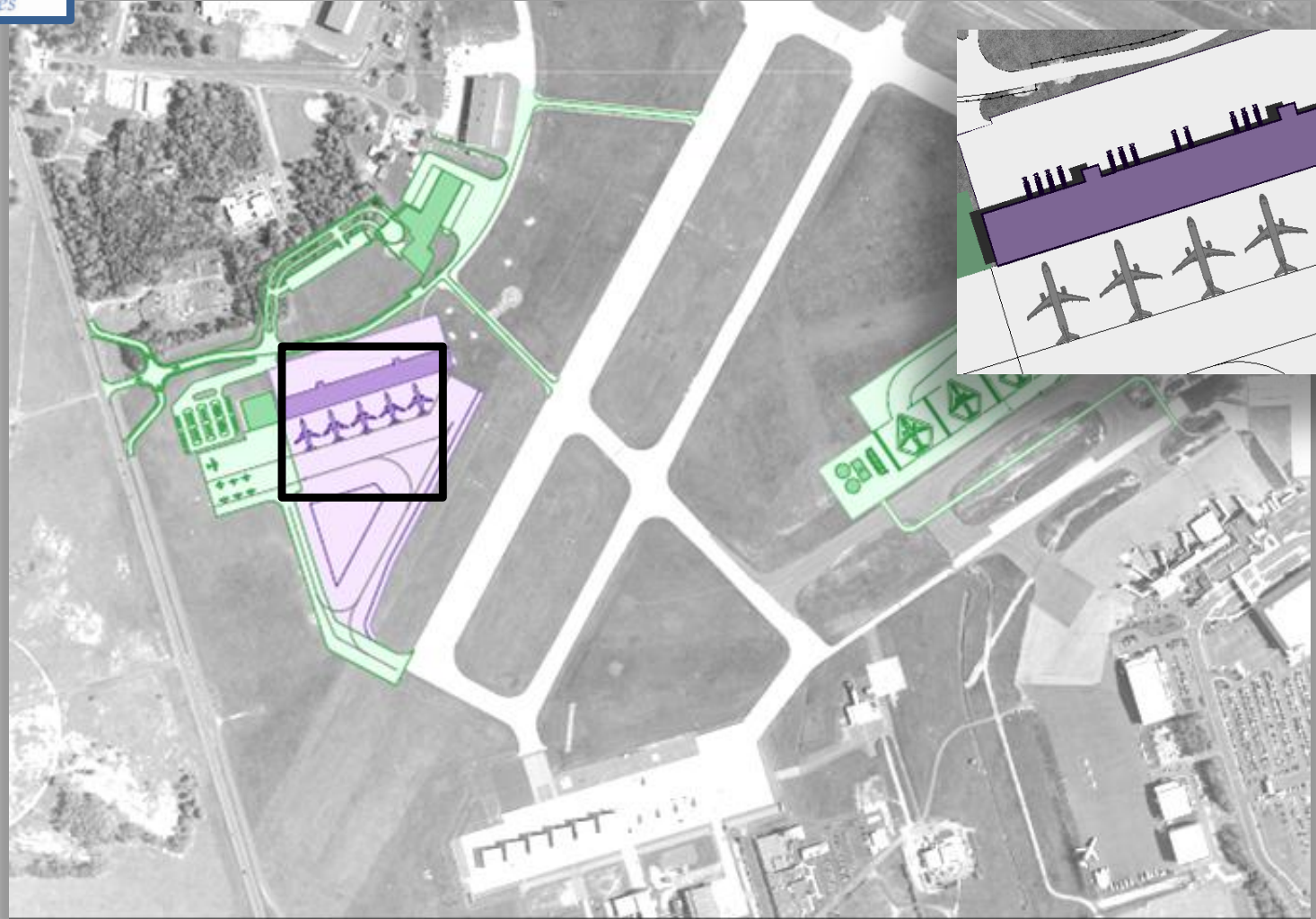
Auxiliary Development: General Aviation Facility



\$13,901,000



Auxiliary Development: Cargo Facility

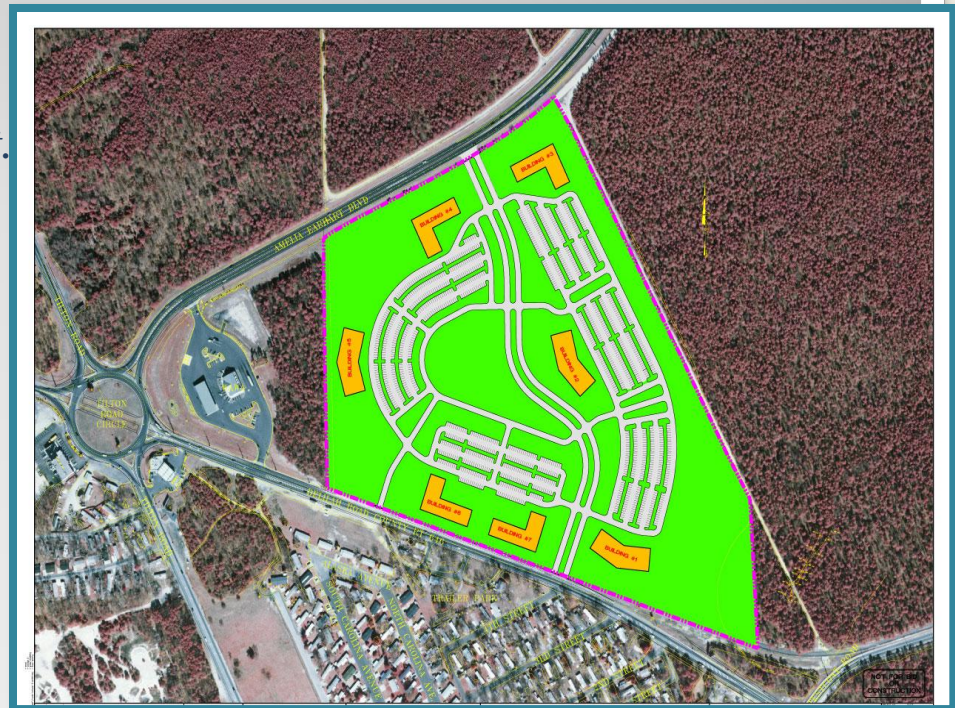
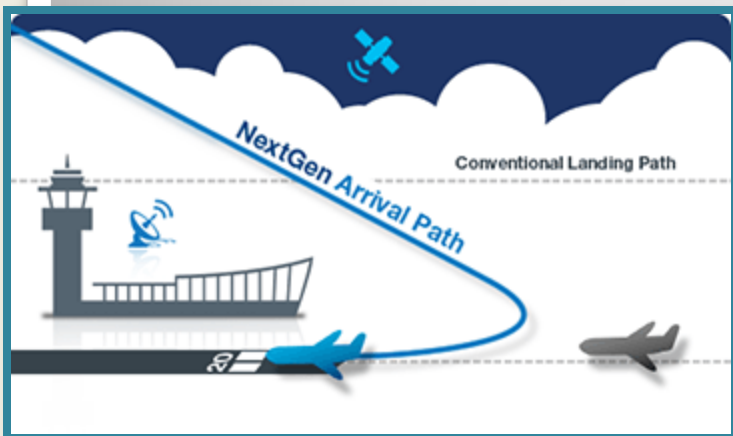


\$34,289,000



Aviation Research & Technology Park

- *Designing NEXTGEN Aviation Technology*
- *2000+ Technical Jobs*
- *7 Buildings totaling over 400,000 sq. ft.*
- *Groundbreaking took place in Oct. 2009*



*Conditional Master Developer named in
November 2011*

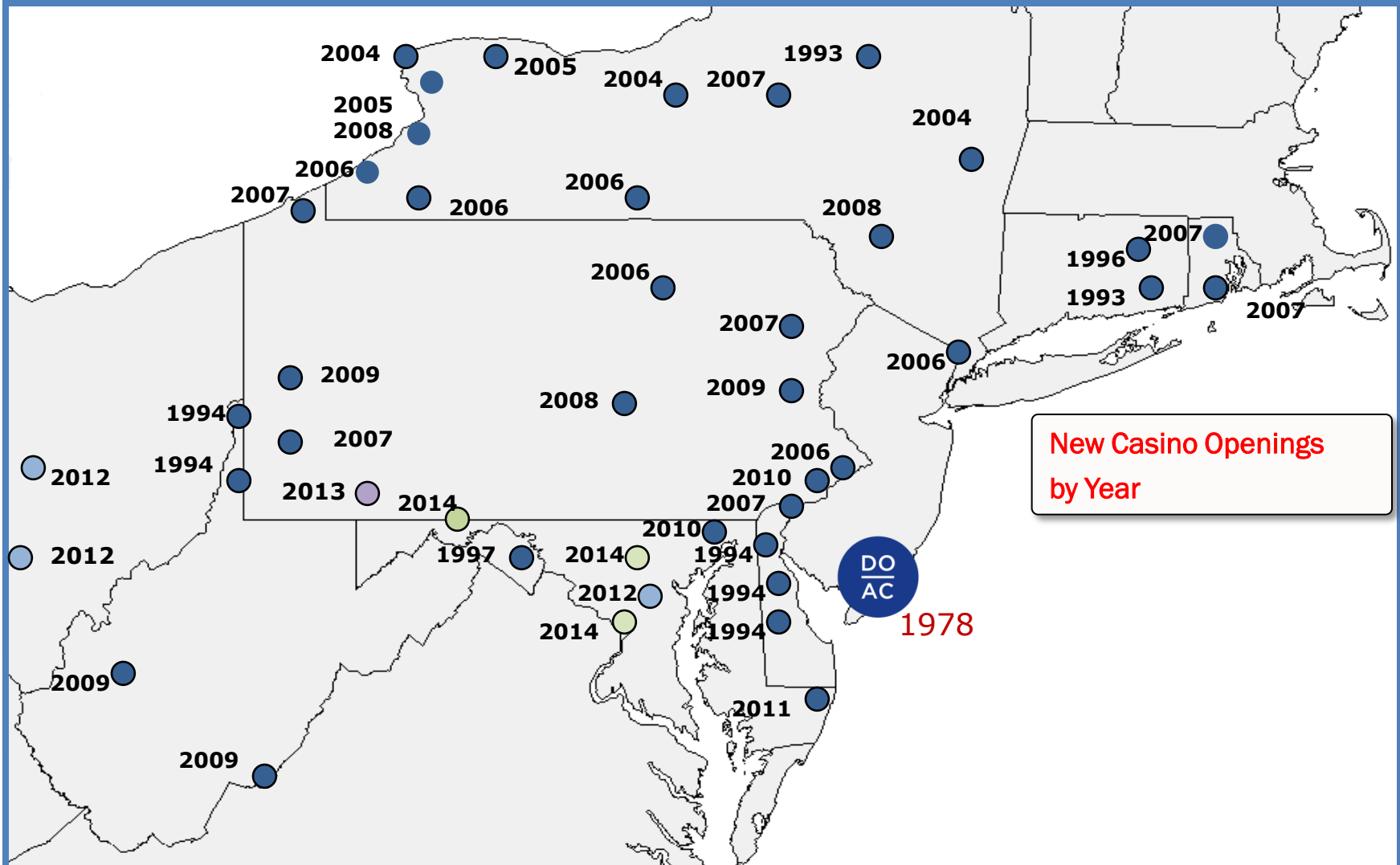


Proposed Hotel Development Site



Project Program

	PHASE I	PHASE II
HOTEL TOWER (6 Floors, +/- 24 keys per floor) (Building Height is approx. 78'-0")	140 Keys +/- 13,000 SF per flr	140 Keys +/- 13,000 SF per flr
POOL / HEALTH CLUB	4,500 SF	-
BAR / TAVERN	1,800 SF	-
RESTAURANT 'A'	7,000 SF	-
RESTAURANT 'B'	7,500 SF	-
RESTAURANT 'C'	-	7,500 SF
MEETING / BANQUET ROOM	6,500 SF	6,500 SF
RETAIL	-	2,500 SF
PUMP STATION ROOM	550 SF	-
TRANSFORMER PAD / ENCLOSURE	400 SF	-
SURFACE PARKING	244 Spaces	214 Spaces





Atlantic City – Toronto/Montreal Market Data





WestJet Served YYZ-ACY during the Winter of 09'/10'

4x Weekly Boeing 737-700 Service

YYZ – ACY		
<u>Departs:</u>	<u>Arrives:</u>	<u>Frequency:</u>
7:15pm	8:44pm	_2_45_7

ACY – YYZ		
<u>Departs:</u>	<u>Arrives:</u>	<u>Frequency:</u>
9:30pm	11:07pm	_2_45_7



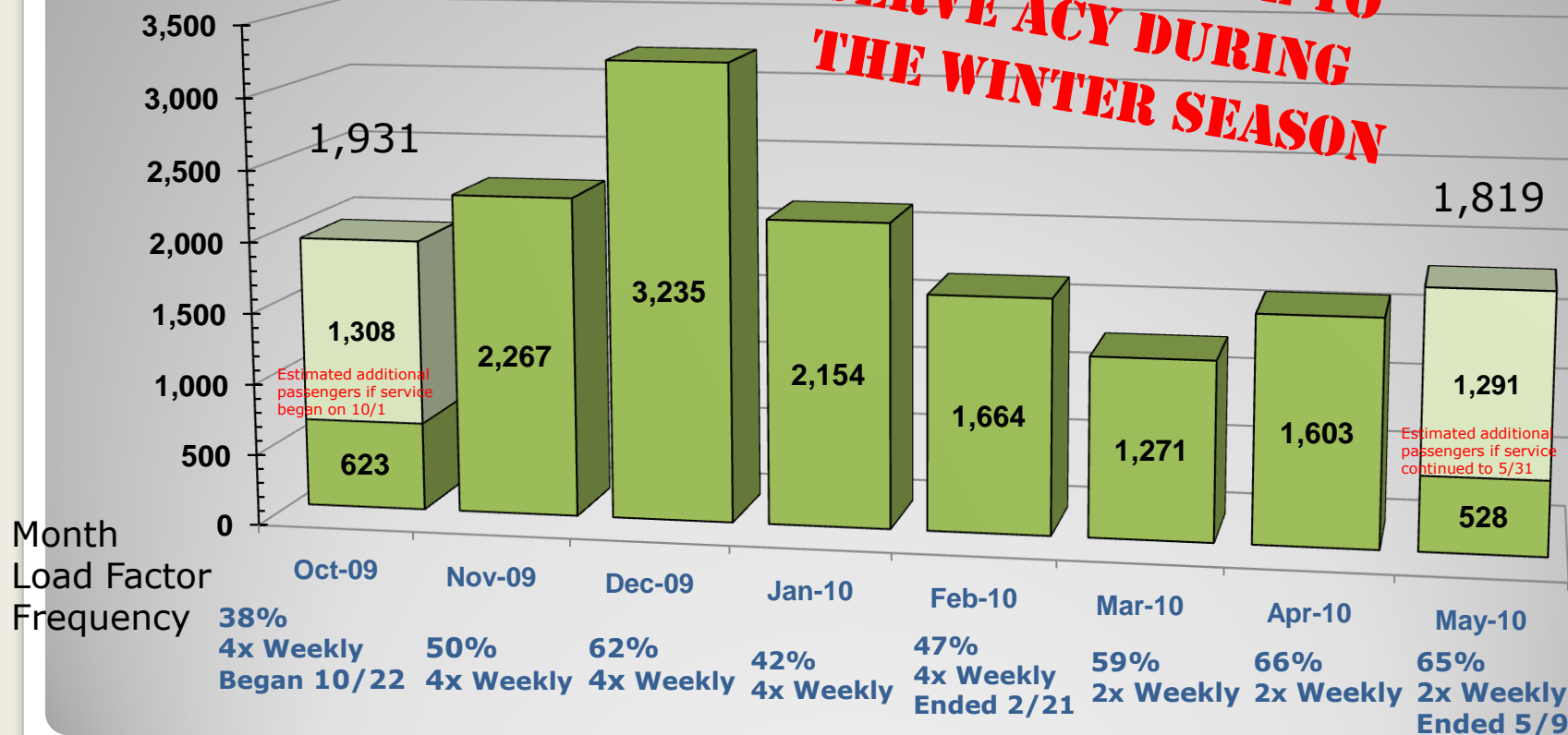
**SCHEDULES WERE SOLD AS DAILY WITH FREQUENCY REDUCTIONS
TAKING PLACE ONE MONTH PRIOR**



West Jet's ACY-YYZ Onboard Passenger Numbers

Monthly West Jet
Onboard
Passengers

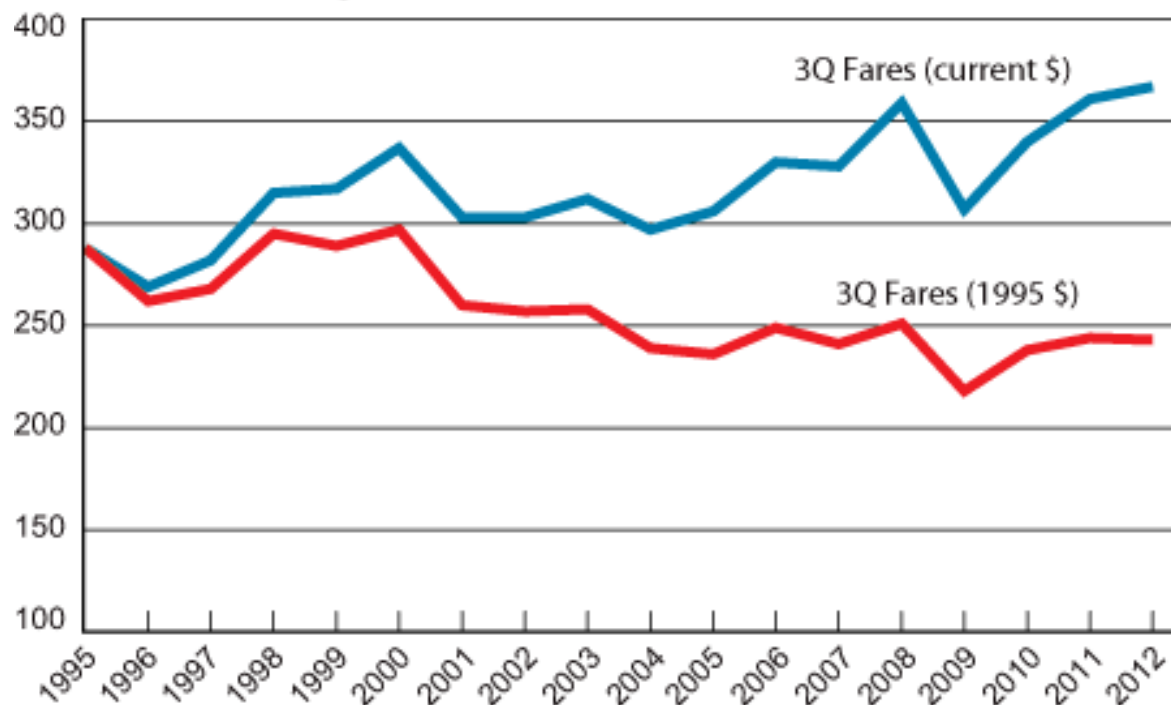
**WEST JET CHOSE TO
SERVE ACY DURING
THE WINTER SEASON**





ACY has the Lowest Fares in America!

3rd Quarter Average Domestic Fares 1995–2012



- **Lowest airfare in America of top 100 airports since 2nd Quarter of 2009**

- **National average airfare: \$367.00**

- **ACY average airfare: \$133.00**



UNITED STATES
DEPARTMENT OF TRANSPORTATION



South Jersey Transportation Authority

FLY ACY– South Jersey's Airport!



Thank you! Samuel L. Donelson, P.E.